# APPENDIX E

# FUNCTIONS NOT YET AVAILABLE

## APPENDIX E

## FUNCTIONS NOT YET AVAILABLE

1. **Crisis Planning**. The crisis planning state of operation will be used in an emergency when a planner must quickly create the CESP portion of an OPLAN. Functionally, the procedures should be similar to a deliberate planning state but with such differences as a reduced TPFDD/OPLAN, fewer requirements generated and reduced output reports.

2. **Utilities**
   a. **COTS Interface**. This option will allow access to COTS packages, which will be useful in displaying JEPES data, including applications for graphics, spreadsheets, and word processing.

3. **Database Maintenance**
   a. **COTS Interface**. This option will allow import and export of information between the JEPES database tables and a COTS software package. It is intended to provide an alternative to updating the JEPES database.

4. **Requirements Generation**
   a. **Medical**. This option will generate such medical-related requirements as hospitals and out-patient facilities, etc.
   b. **Ammunition**. This option will generate ammunition-related requirements.
   c. **O&M**. This option will generate operation and maintenance related requirements.
   d. **POL**. This option will generate POL related requirements.

5. **Requirements Analysis**
   a. **Engineering Force (Region)**. This option will assign the engineers to the entire region.
   b. **Apply Assets (Facility Asset Substitution)**. This option considers asset substitution for the generated requirements.

6. **Graphics**
   a. **COTS Interface**. This option will produce graphics from some of the previously generated reports using line, bar, and pie charts.
   b. **Custom Graphics**. This option will be implemented if there are graphics that cannot be produced by COTS packages.

7. **Support Functions**
   a. **Tutorial**. This option will provide a JEPES on-line tutorial.
   b. **System Administration**. This option will provide JEPES, system administration functions.

# APPENDIX F

## SPECIFIC USER OPERATIONS

# APPENDIX F

## SPECIFIC USER OPERATIONS

JEPES rebasing is now an automated process performed when editing the Base_Complex table. For more information, refer to Paragraph 5.3.2.1.1.

# APPENDIX G

## FUNCTIONS AVAILABLE OUTSIDE OF JEPES

## APPENDIX G

## FUNCTIONS AVAILABLE OUTSIDE OF JEPES

### IMPORT WWMCCS TEXT FILES

Select the JEPES icon, *JIMPTEXT* to load existing WWMCCS text files into the JEPES ORACLE tables. Refer to the CESPG manual, reference f, for a full explanation of the WWMCCS files. The text files must exist in directory *$HOME/jepes/data*. Table G-1 lists the options available, the input text file, and the JEPES tables where the data are loaded.

Table G-1. Options, Input Text Files, and JEPES Tables List

| Option | Input Text File | JEPES Tables |
|---|---|---|
| United States Asset and War Damage data | *assetus.txt* | Asset |
| | | War_Damage_Factor |
| Base Complex, A-Card, C-Card, D-Card, G-Card, L-Card, and P-Card | *bascmplx.txt* | Base_Complex |
| | *acard.txt* | Base_Location |
| | *ccard.txt* | Backup_Supply |
| | *dcard.txt* | Base_Fac_Construction_Policy |
| | *gcard.txt* | Plan_Fac_Construction_Policy |
| | *lcard.txt* | Planner_Input_Requirements |
| | *pcard.txt* | Engineering_Support |
| Facility Component data | *cmpnt.txt* | Component |
| | | Facility_Component |
| Engineering Unit Capability data | *enguncap.txt* | Engineering_Unit_Capability |
| Facility Category Code data | *faccat.txt* | Facility_Category |
| Host Nation Asset and War Damage data | *assethn.txt* | Asset |
| | | War_Damage_Factor |
| Planning Factor data | *plngfact.txt* | Equipment_Planning_Factor |
| | | JEPES_Equipment_Type |
| | | General_Planning_Factor |

The ORACLE tables load process is performed by executing a set of UNIX and ORACLE SQL executable commands and utility files. The UNIX shell script files are used to start a process. SQL Data Definition Language (DDL) is used to create ORACLE tables. The ORACLE utility SQL*Loader is used to load the formatted data into the ORACLE tables. This utility is activated via the execution of Control files (*.ctl*). While performing the data load, files *.log* and *.bad* will be created. The file name is the installation *.s* file name concatenated with *.log*; i.e., *trooplod.s* creates *trooplod.log*. The *log* files hold the error messages and the text file record numbers that fail to be loaded; the *.bad* files hold data of any failed records that exist.

1. The *assetus.txt* File. Defines the quantity of a specific facility category existing at a particular geographic location. It also contains the air war damaged factor during an air war modeling period for up to 31 days. A blank category code for each base complex is provided to contain war damage factors for newly constructed facilities. Although asset owners can be either the U.S. or a host nation, this file is for U.S. asset owners only. (See *assethn.txt* file, 12. below, for host nation asset owners.)

2. The *bascmplx.txt* File. Defines a base complex, which includes base name, base owner, primary Geoloc, and base population.

3. The *acard.txt* File. Provides additional information for a base complex, when included with the *bascmplx.txt* file. The planner has reviewed the destinations for forces in the OPLAN and has grouped these Geolocs into base complexes. These Geolocs could include such locations as off-based housing, hospital, radar, storage, and communications sites. Other Geolocs to be considered include locations of existing facilities found in the *assets* file. The *acard.txt* file should include a reserved base complex (099) for nonmilitary locations, which carry a "do not build" construction policy.

4. The *ccard.txt* File. Specifies the rear echelon (2 to 5) base complex at which backup supply storage requirements will be generated for various categories of supplies structures: (1) Ammunition, (2) POL, (3) General Supplies, (4) Medical Supplies, (5) Unassigned. The first echelon specifies the base complex for which the backup storage facilities are being generated. Unit strength (People) density-allocated planning factors for echelons 2 to 5 base complexes are used to generate facility requirements at each base complex that provides supply storage facilities.

   **Note:** Each base complex defined in *acard.txt* requires one ccard record.

5. The *dcard.t*xt File. Defines the facility construction policy for the different facility category codes at each base complex from *acard.txt*. The policy is used to determine the amount of particular facilities to be built. See Appendix H, Table H-4 for the construction policies codes listing.

6. The *gcard.txt* File. Defines, sequentially, the priority for construction of every facility category essential to all bases in the OPLAN. It contains all the facility category codes (See *cmpnt.txt*, 9. below) for which requirements are to be generated. It also contains the unit of measurement for facility requirement planning record factors. It defines the earliest day relative to D-Day (start day of facility construction) and the number of days to add to the generated facility requirement date based on unit arrival.

7. The *lcard.txt* File. Allows planners to force-generate requirements for a particular facility at a

specific base complex; i.e., facility not normally associated with a base, such as airbase runway.

This file contains the BCN, the service requiring the facility, the completion date, a optional user-selected component, and a construction agency data.

8. The *pcard.txt* File. Allows the reassignment of a whole or partial construction responsibility of a facility category to a host nation construction agency.

9. The *cmpnt.txt* File. Contains the description of specific facility components assumed available for construction of facility requirements generated by unit in the *troop.txt* file. It shows the minimum required time, manhour requirements by skill type, and follow-on project data for a particular component (one single component may be used to satisfy several different facility category code requirements). ( See Appendix H, Table H-4 for a list of category codes.)

10. The *enguncap.txt* File. Contains the description of all U.S. engineering units in terms of the number of manhours. Skills are divided into three types: horizontal; i.e.,. road repair, vertical; i.e., building repair, and other. This file is maintained by each individual engineering unit to reflect their actual strength.

11. The *faccat.txt* File. Contains a listing of all available facilities categories codes (See Appendix H, Table H-4).

12. The *assethn.txt* File. This is the host nation *asset* file. ( Please see *assetus.txt* file, 1. above, for the definition).

    **Note:** At the installation phase of JEPES, the user must load *hnasset.txt* after the *assets.txt*.

13. The *plngfact.txt* File. Defines the planning factor for the population density (People), aircraft or vehicle type and density, and per base complex (BYBASE). It also specifies factors for facilities to be limited by a certain TOTPOP.

**GENERATE JEPES GRAPHS**

Select the JEPES icon, JGRAPHS to create graphs and spreadsheets after the JEPES data has been created.

For Requirements Generation function, the options are as follows:

a. Base Population Data,

b. Time-Phased Population Data for the Entire Plan,

c. Time-Phased Requirements Data in the Entire Plan for a Specific Category Code,

d. Time-Phased Requirements Data for a Specific Category Code at a Specific Base Complex, and

e. Time-Phased Population Data for a Specific Category Code at a Specific Base Complex.

For LSA function, the options are as follows:

a. Percent Forces Sustainable (V-2I-1),
b. Minimum Percent by Subelement (V-2I-2),
c. Percent Available (V-3I) -- Airfields,
d. Percent Available (V-3I) -- Seaports,
e. Percent Available (V-3I) -- POL Storage/Distribution,
f. Percent Available (V-3I) -- Non-POL Storage/Distribution,
g. Percent Available (V-3I) -- Troop Support, and
h. Percent Available (V-3I) -- Utilities.

# APPENDIX H

# JEPES CODES

## APPENDIX H

## JEPES CODES

The following tables contain predetermined values. These tables are also helpful in interpreting the reports.

Table H-1. Asset Owner Codes

| Code | Description |
|---|---|
| U | U.S. |
| L | Leased |
| H | Host Nation |

Table H-2. Construction Policy Codes

| Code | Description |
|---|---|
| 0 | Null |
| 1 | Do not build |
| 2 | Build noncombat |
| 3 | Build all |
| 4 | Do not build but assess war damage |

Table H-3. Constructing Service Codes

| Code | Description |
|---|---|
| A | Army |
| M | Marines |
| N | Navy |
| F | Air Force |
| P | Coast Guard |
| J | Joint |
| S | Satisfied |
| H | Host Nation |
| C | Contractor |
| " | None - Nil |

Table H-4. Facility Category Codes

| Code | Description | LSA CODE |
|---|---|---|
| 111A | FIXED WING RUNWAY | A |
| 111B | ROTARY WING RUNWAY | A |
| 111C | HELICOPTER LNDG PAD | A |
| 111R | RUNWAY RAPID REPAIR | A |
| 112A | TAXIWAYS | A |
| 112R | TAXIWAY RAPID REPAIR | A |
| 113A | ACFT PRKING APRON | A |
| 116A | ACFT WASH RACK | A |
| 116B | COMPASS CALIBR. PAD | A |
| 116C | ARM/DISARM PAD | A |
| 116D | ORDNANCE HOLDING PAD | A |
| 121A | ACFT FUEL DISPENSER | A |
| 121B | A/C TRUCK FUEL FACILITY | A |
| 122A | MARINE FUELING FACILITY | S |
| 122B | SM CRAFT FUELING STORAGE | S |
| 123A | LND VHCL FUEL DSPNSR | T |
| 124A | ACFT OPER FUEL STOR | A |
| 124B | MARI OPER FUEL STOR | S |
| 124C | LND VHCL OPR FUEL ST | T |
| 125A | FUEL PIPELINE | P |
| 125B | FUEL PUMPING STATION | P |
| 125C | FUEL SYS SUPPLY PT | P |
| 125L | POL PUMPING STATION | P |
| 131A | COMMUNICATIONS CNTR | T |
| 131B | RECEIVER BUILDING | T |
| 131D | TRANSMITTER BUILDING | T |
| 131E | COMMUN BLDG, OTHER | T |
| 132A | COMMUN ANTENNA | T |
| 132B | CDAA | T |
| 133A | CONTROL TOWER | A |
| 133B | TACAN FACILITY | A |
| 136A | ACFT PAVEMNT LIGHTNG | A |
| 138B | HOME BEACON FAC | A |
| 141B | EXPLSV ORDNC DISP FC | T |
| 141C | AIRCRAFT SHELTER | A |
| 141D | HARDENED ACFT SHELTER | A |
| 141E | SQDRN/AIR OPER FACILITY | A |
| 141H | CRYOGENICS FACILITY | A |

| Code | Description | LSA Code |
|---|---|---|
| 141I | POL OPER/LAB FACILITY | P |
| 141K | PHOTO LAB | A |
| 141L | BSE/AFLD OPER FACILITY | A |
| 141M | AIR FREIGHT TERMINAL | A |
| 141N | AIR PSSGNR TERMINAL | A |
| 141P | COMMAND POST | T |
| 141Q | ACFT HARDND SHELT DR | A |
| 143A | SONO BUOY STORAGE | A |
| 149A | AIRCRAFT REVETMENT | A |
| 149B | AIRCRAFT ARRESTING BAR | A |
| 149C | DEFENSIVE POS BUNKER | T |
| 149E | STRUCTURE REVETMENT | T |
| 151A | BBLK PIER, AMMUNITION | S |
| 151B | AMMN PIER, ORDNC CONT | S |
| 151C | GENERAL CARGO PIER | S |
| 151D | BARGE PIER (DELONG) | S |
| 151E | FUELING PIER | S |
| 151F | GNRL CRGO PIER CONTA | S |
| 152A | AMMUN WHRF, BREAKBULK | S |
| 152B | AMMUN WHRF, ORDNC CON | S |
| 152C | GNRL BULK CRGO WHARF | S |
| 152D | FUELING WHARF | S |
| 152E | GNRL CONTAI CRG WHRF | S |
| 153A | OPEN CRGO HNDLNG FAC | S |
| 153B | CVR ST CRG HNDLG FAC | S |
| 156A | BARGE PIER BRIDGE | S |
| 159A | LANDING RAMP (LST) | A |
| 159B | DEGAUSSING FACILITY | S |
| 159C | WATRFRNT OPER BLDNG | S |
| 163A | MOORINGS | S |
| 211A | ACFT MAINTNCE HANGAR | A |
| 211B | RECLAMATION SHOP | T |
| 211C | ACFT WPNS CALBR SHOP | A |
| 211D | ACFT ORG MNTNCE SHOP | A |
| 211E | ACFT ENGINE RPR SHOP | A |
| 211F | GNRL PUR AFT MNTC SHOP | A |
| 212A | MSL MAINTENANCE SHOP | A |
| 213A | AMPHIB VEH MNTNC SHOP | S |
| 213B | SHIP REPAIR SHOP | S |
| 214A | COMBAT VEHICLE SHOP | T |

| Code | Description | LSA Code |
|---|---|---|
| 214B | AUTO VEHICLE SHOP | T |
| 214C | REFUELING VEHICLE SH | A |
| 215A | COMBAT VEHICLE SHOP | T |
| 216A | AMMUN MAINTNCE SHOP | D |
| 217A | COMM/ELECTRONICS SHOP | T |
| 217B | AVIONICS SHOP | A |
| 218A | CNSTRN & MTRL EQUPMNT | T |
| 218C | GROUND SUPPORT SHOP | A |
| 218D | PARACHUTE/DINGHY SHOP | A |
| 219A | FACILITIES MAINTENANCE | T |
| 411A | SHIP FUEL STORAGE | P |
| 411B | AVAITION GAS STORAGE | P |
| 411C | DIESEL FUEL STORAGE | P |
| 411D | MOGAS STORAGE | P |
| 411E | JP FUEL STORAGE | P |
| 411F | HEATING FUEL STORAGE | P |
| 411G | DEMNRLZD WATER STORAGE | A |
| 411H | LIQUID FUEL STORAGE | P |
| 421A | CVRD AMMUNITION STOR | D |
| 422A | READY AMMUNITION STO | D |
| 425A | OPEN AMMUNITION STOR | D |
| 431A | DEPOT COLD STORAGE | D |
| 432A | BASE COLD STORAGE | D |
| 441A | DEPOT CVRD STORAGE | D |
| 442A | BASE COVERED STORAGE | D |
| 451A | DEPOT COVERED STORAGE | D |
| 452A | INST OPEN STORAGE | D |
| 510A | IN-PATIENT FACILITY | T |
| 510B | FLEET HOSPITAL | T |
| 530B | MEDICAL LABORATORY | T |
| 540A | DENTAL FACILITY | T |
| 540B | DENTAL LABORATORY | T |
| 550A | OUT-PATIENT FACILITY | T |
| 560A | CONVALESCENT CENTER | T |
| 610A | ADMINISTRATION FACILITY | T |
| 610B | OPER/LOGISTICS FACILITY | T |
| 721A | ENLISTED TROOP HOUSING | T |
| 722A | DINING FACILITY | T |
| 724A | OFFICER TROOP HOUSING | T |
| 725A | EMER TROOP HOUSING | T |

| Code | Description | LSA Code |
|---|---|---|
| 725B | EMERG TROOP HOUSING | T |
| 730A | CFT & BASE FIRE STATION | T |
| 730B | CONFINEMENT FACILITY | T |
| 730E | LNDRY/DRY CLNG FACILITY | T |
| 730F | POW CAMP | T |
| 811A | ELECTRICITY SOURCE | U |
| 811B | ELEC SUBSTATION | U |
| 811E | ELECTRN INITIAL | U |
| 811F | ELEC PWR PLANT BLDG | U |
| 812A | ELECTRIC DISTRIB LIN | U |
| 812B | PERIMETER LIGHTING | U |
| 812H | HEATING PLANT | U |
| 813A | ELECTRICAL STATION | U |
| 821H | BOILER PLANT | U |
| 822A | STEAM LINES | U |
| 831A | SEWAGE TREAMENT | U |
| 832A | SEWAGE COLLECTION | U |
| 841A | WATER SOURCE-CONSUMP | U |
| 841B | POT. WTR TREATMT FAC | U |
| 841C | POT. WTR STORAGE FAC | U |
| 842A | POT. WT DISTRB LINES | U |
| 850R | MSR MAINT/REPAIR | D |
| 851A | ROADWAY | D |
| 851B | ROADWAY BRIDGE | D |
| 851R | PORT MNTNC AND REPAI | S |
| 852A | HARDSTAND | D |
| 853B | TRAILER TRANS PT | D |
| 860A | RAILROAD TRACK | D |
| 860B | RAILROAD BRIDGE | D |
| 870A | FACILITY HARDENING | T |
| 872A | SECURITY FENCE | T |
| 872B | BARRIERS | T |
| 872C | GUARDS/WATCH TOWERS | T |
| 872D | DEFNSVE FIGHTNG POSI | T |
| 872E | DEFENSIVE MINEFIELDS | T |
| DMMY | DUMMY CATEGORY CODE | T |
| HVTE | HARVEST EAGLE | T |
| OPR | OPERATIONS & MAINTENANCE | T |

Table H-5. Facility Priority Codes

| Code | Description |
|---|---|
| C | Critical |
| E | Essential |
| N | Necessary |

Table H-6. List of Fractionable Component

| Code | Description |
|---|---|
| W | Whole |
| F | Fractionable |

Table H-7. Facility Project Class Codes

| Code | Description |
|---|---|
| B | Beddown |
| C | New Construction |
| F | Follow-on Construction |
| G | Follow-on Restoration |
| R | Restoration |
| W | Emergency repair |

Table H-8. LSA Codes, Descriptions and Their Corresponding Graph IDs

| Code | Graph id | Description |
|---|---|---|
| P | POLSD | POL |
| A | APRTS | Airfield |
| S | SPRTS | Seaports |
| U | UTILS | Utilities |
| T | TRSUP | Troop Support |
| D | WAREH | Storage |
| N | none | None - Nil |
| " | none | None |

Table H-9. Planning Factor Types

| Name | Description |
|---|---|
| Equipm | Equipment |
| People | People |
| Totpop | Total Population |
| Bybase | Per Base |

Table H-10. Requirement Type Codes

| Code | Description |
|---|---|
| 1 | Repair Asset |
| 2 | Unit Allocated |
| 3 | Repair Unit Allocated |
| 4 | Planner Input |
| 5 | Repair Planner Input |
| 6 | Total Base Population |
| 7 | Repair Total Base Population |
| 8 | Per Base |
| 9 | Repair Per Base |
| 10 | Aircraft Density |
| 11 | Repair Aircraft Density |
| 12 | Unit Population |
| 13 | Repair Unit Population |
| 14 | Vehicle Density |
| 15 | Repair Vehicle Density |

Table H-11. Requirement Categories

| Code | Description |
|---|---|
| M | Medical (Not Available) |
| A | Ammunition(Not Available) |
| O | O and M (Not Available) |
| U | Unit Allocated |
| I | Planner Input |
| F | Fuels (POL) (Not Available) |
| B | Base |
| P | Population |
| N | None (Nil) |
| " | None |

Table H-12. Self Sustainability Code

| Code | Description |
|---|---|
| " | none |
| C | Combat |
| V | Host Nation |
| N | Noncombat |

Table H-13. Support Structure Index

| Code | Description |
|---|---|
| 1 | Ammunition |
| 2 | POL |
| 3 | General Supplies |
| 4 | Medical Supplies |
| 5 | Unassigned |

Table H-14. Unit Type Codes

| 1st Char | Unit Type Definition |
|---|---|
| 0 | INFANTRY |
| 1 | ARTILLERY-AIR DEF MISSILE |
| 2 | AMOR-ANTI TANK |
| 3 | AVN FLT UN, MISSION ACFT |
| 4 | ENGINEER, TOPO SERVICE |
| 5 | WARSHIP, CRAFT, ADMIN |
| 6 | COMMUNICATIONS-ELECTRONIC |
| 7 | TACTICAL CONTROL, WEATHER |
| 8 | UNCONVENTIONAL WARFARE |
| 9 | MISC SPT, CMBT SERVICE SPT |
| A | MULTI-FUNCTION TASK ORG |
| B | -not used - |
| C | COMMAND HEADQUARTER |
| D | CIVIL GOVT |
| E | ELECTRONICS |
| F | MEDICAL |
| G | CHEMICAL |
| H | MAINTENANCE |
| I | -not used- |
| J | SUPPLY, SUPPLY SUPPORT |
| K | RESEARCH AND DEVELOPMENT |
| L | ADMIN/POSTAL COURIER |
| M | FLEET AUXILIARIES |
| N | COMPOSITE SERVICE |
| O | -not used- |
| P | INTELLIGENCE, COUNTER INTELLIGENCE |
| Q | MILITARY POLICE SECURITY |
| R | PERSONEL ADMIN INFO |
| S | FINANCE, COMPTROLLER |
| T | TRAINING, NAVAIR TRAINING |
| U | TRANSPORTATION |
| V | CIVIL AFFAIRS, MIL ASIST |
| W | NAVY AIRCRAFT DEV & MAIN |
| X | SUPPORT SERVICES |
| Y | -not used- |
| Z | ARMORED CALVARY RECON |

Table H-15. Using Service Codes

| Code | Description |
|---|---|
| A | Army |
| M | Marines |
| N | Navy |
| F | Air Force |
| P | Coast Guard |
| J | Joint |

Table H-16. Unit of Measure Codes

| Codes | Description |
|---|---|
| BD | Beds |
| BL | Barrels |
| CF | Cubic Feet |
| CY | Cubic Yard |
| EA | Each |
| FB | Feet of Berthing |
| FT | Feet |
| GA | Gallons |
| GM | Gallons per Minute |
| KG | Thousands of Gallons |
| KV | Kilovolt-Amperes (KVA) |
| KW | Kilowatts |
| LF | Linear Feet |
| MI | Miles |
| MN | Men |
| OL | Outlets |
| SF | Square Feet |
| SY | Square Yard |

Table H-17. Listing of Field ranges

| Field | Range |
|---|---|
| Aggregation Time (first/last day) | 0 to 180 |
| Asset on Hand | 0 to 99,999,999 |
| Attrition Rate | 0.0 to 99.99 |
| Build Date | -99 to 999 |
| Climate Adjustment | 0.0 to 99.9 |
| Delay Day Requested | 0 to 999 |
| Facility Date Available | -99 to 999 |
| Facility Quantity Required | 0.0 to 99,999,999.9 |
| First day Available | 0 to 999 |
| Horizontal Construction Man Hours | 0.0 to 99,999.9 |
| Last Day Host Nation | 0 to 999 |
| Minimum Day to Build | 0 to 999 |
| Number of Components Required | 0 to 999,999.99 |
| Number of Engineers | 0 to 999,999 |
| Personel Replacement Cycle | 0 to 29 |
| Project Numbers | 1 to 9,999 |
| Required Completion date | -99 to 999 |
| Sub_project Numbers | 0 to 99 |
| Skill Substitution | 0.0 to 99.99 |
| Scheduled Start date | -99 to 999 |
| Total Project Man Hours | 0.0 to 99,999,999.9 |
| Vertical Construction Man Hours | 0.0 to 99,999.9 |

## APPENDIX I

## JEPES TABLES SHORT NAMES

## APPENDIX I

## JEPES TABLES SHORT NAMES

The following names are the short names of JEPES tables and can be used in SQL queries:

| Long name: | Short name: |
|---|---|
| Base_Fac_Construction_Policy | BFCP |
| Cargo_Aggregation_Period | AGG_PERIOD |
| Deployed_Eng_Sensitive_Unit | TROOP |
| Engineering_Support | ENG_SUP |
| Engineering_Unit_Capability | ECAPB |
| Equipment_Planning_Factor | EQP_FAC |
| Facility_Category | FAC_CAT |
| Facility_Requirement | FAC_REQ |
| Facility_Category_Substitution | FAC_CAT_SUB |
| Facility_Component | FAC_CMPNT |
| General_Planning_Factor | GEN_FAC |
| Plan_Fac_Construction_Policy | PFCP |
| Planner_Input_Requirement | PLAN_REQ |
| Unit_Equipment | UNT_EQP |
| War_Damage_Factor | WAR_DAM |